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| APPLICATION NO.   | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO.   | CONFIRMATION NO. |
|---|-------------|----------------------|-----------------------|------------------|
| 09/811,063  | 03/16/2001  | Joe A. Harrison      | INTL-0519-US (P10729) | 7275             |
| 21906   | 7590        | 02/10/2004           | EXAMINER              |                  |
| TROP PRUNER & HÜ, PC<br>8554 KATY FREEWAY<br>SUITE 100<br>HOUSTON, TX 77024 |             |                      | TRAN, THANH Y         |                  |
|   |             |                      | ART UNIT              | PAPER NUMBER     |
|   |             |                      | 2827                  |                  |

DATE MAILED: 02/10/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

**Advisory Action**

Application No.

09/811,063

Applicant(s)

JOE A. HARRISON

Examiner

Thanh Y. Tran

Art Unit

2827

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

THE REPLY FILED 12 November 2003 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE. Therefore, further action by the applicant is required to avoid abandonment of this application. A proper reply to a final rejection under 37 CFR 1.113 may only be either: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114.

**PERIOD FOR REPLY [check either a) or b)]**

- a) ☐ The period for reply expires \_\_\_\_\_ months from the mailing date of the final rejection.
- b) ☒ The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection. ONLY CHECK THIS BOX WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

1. ☐ A Notice of Appeal was filed on \_\_\_\_\_. Appellant's Brief must be filed within the period set forth in 37 CFR 1.192(a), or any extension thereof (37 CFR 1.191(d)), to avoid dismissal of the appeal.
2. ☐ The proposed amendment(s) will not be entered because:
- (a) ☐ they raise new issues that would require further consideration and/or search (see NOTE below);
  - (b) ☐ they raise the issue of new matter (see Note below);
  - (c) ☐ they are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
  - (d) ☐ they present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: \_\_\_\_\_

3. ☐ Applicant's reply has overcome the following rejection(s): \_\_\_\_\_.
4. ☐ Newly proposed or amended claim(s) \_\_\_\_\_ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).
5. ☒ The a) ☐ affidavit, b) ☐ exhibit, or c) ☒ request for reconsideration has been considered but does NOT place the application in condition for allowance because: See Continuation Sheet.
6. ☐ The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection.
7. ☐ For purposes of Appeal, the proposed amendment(s) a) ☐ will not be entered or b) ☐ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.

The status of the claim(s) is (or will be) as follows:

Claim(s) allowed: 31-38.

Claim(s) objected to: 9.

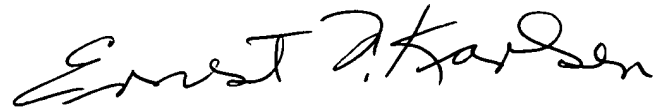
Claim(s) rejected: 1-6, 8 and 10-41.

Claim(s) withdrawn from consideration: \_\_\_\_\_.

8. ☐ The drawing correction filed on \_\_\_\_\_ is a) ☐ approved or b) ☐ disapproved by the Examiner.
9. ☐ Note the attached Information Disclosure Statement(s) (PTO-1449) Paper No(s). \_\_\_\_\_.
10. ☐ Other: \_\_\_\_\_

  
**ERNEST KARLSEN**  
**PRIMARY EXAMINER**

Continuation of 5. does NOT place the application in condition for allowance because: The combination of the references (Harver, Woychik, Daskalakis, Dell et al, Pope et al, Volz et al and Villemont) teach all limitations in claims 1-6, 8 and 10-41); for example: Applicant argued that there is no teaching or suggestion in Woychik that contacts to communicate power are adjacent to each other and are uniformly spaced. However, Harver teaches all limitations except for first set of contacts are communicated power. Woychik teaches first set of contacts (includes elements 152) having current flowing and can be used as power leads. Thus, it would have been obvious to a person having ordinary skill in the art at the time the invention was made to modify the substrate of Harver by using power contacts (power leads) as taught by Woychik for carrying power from other source to the circuitry of the substrate; The Applicant also argued that the slot of Daskalakis is not a slot inside a slot connector housing. However, figure 9 of Daskalakis et al shows that the hook(locking finger) (12, 51) as indicated in figure 3 is inserted inside a slot of connector housing (1,2) as indicated in figure 9; Finally, the Applicant argued that Villemont fails to teach or suggest fins that are thermally coupled to a housing that forms a slot to receive the circuit board, where these fins conduct heat away from the circuitry of the circuit board. However, teaches the film/fin/conductor 15 is thermally coupled to the housing (17, 19, 23) that forms a slot to receive the circuit board, wherein this film/fin/conductor 15 conduct heat away from the circuitry of the circuit board (10) (see Fig. 1b, col. 3, lines 17-20 in Villemont's reference).



**ERNEST KARLSEN  
PRIMARY EXAMINER**